

Title (en)

METHOD FOR IMPROVING THE PERFORMANCE OF NICKEL ELECTRODES

Title (de)

VERFAHREN ZUR LEISTUNGSVERBESSERUNG VON NICKELELEKTRODEN

Title (fr)

PROCÉDÉ D'AMÉLIORATION DE LA PERFORMANCE DES ÉLECTRODES À BASE DE NICKEL

Publication

EP 3597791 A1 20200122 (DE)

Application

EP 18184694 A 20180720

Priority

EP 18184694 A 20180720

Abstract (en)

[origin: WO2020016122A1] The invention relates to a method for improving the performance of coated nickel electrodes in chloralkali electrolysis by adding water-soluble platinum compounds to the catholyte during the electrolysis at low current density.

Abstract (de)

Die Erfindung betrifft ein Verfahren zur Verbesserung der Leistung von beschichteten Nickelelektroden in der Alkalichloridelektrolyse durch Zugabe von wasserlöslichen Platinverbindungen zum Katholyt bei Elektrolyse bei niedriger Stromdichte.

IPC 8 full level

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Citation (applicant)

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- US 5035789 A 19910730 - BEAVER RICHARD N [US], et al
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Citation (search report)

- [ID] DE 102007003554 A1 20080731 - BAYER MATERIALSCIENCE AG [DE]
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EP 18184694 A 20180720; CN 201980048650 A 20190712; EP 19741999 A 20190712; EP 2019068789 W 20190712; HU E18184694 A 20180720; JP 2021502744 A 20190712; KR 20217004643 A 20190712; PT 18184694 T 20180720; US 201917261864 A 20190712